IN THE SPECIFICATION:

Please amend the Specification as follows.

[0089] An example of the tunneling operation for downstream traffic is also illustrated in Fig. 7. In this alternate embodiment, instead of representing routers, the home agent 702 and the foreign agent 706 represent WLAN switches. ~~The mechanism for sending upstream traffic is similar to that of downstream traffic, and is illustrated in Fig. 8. The process is simply reversed. Packets from the mobile client 803 are processed at the foreign agent 806, namely, the Enterprise WLAN Switch, through the AP2, 813 of the foreign subnet 805. The switch will encapsulate the actual upstream packet into an IP-in-IP packet, and send it to the home agent 802 through the tunnel. The home agent 802 services the subnet 801 through the AP2 812. The home agent, which is the WLAN Switch the mobile client originally associated with, will remove the IP-in-IP header and send the actual packet to the network.~~

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[0119] Alternatively, a WLAN switch may establish its own prioritization policy. An alternative of the switching honoring pre-marked priorities of the packet is having the switch set the prioritization policy. In this approach, the switch assumes the packets come in unmarked, and establish the policy using its packet filtering capability. The switch ~~is~~ should be capable of recognizing packets from VOIP or streaming media applications that are delay-sensitive, and assign higher priorities to these packets. In other words, the switch assumes all the arriving packets are untrusted in the QoS point of view.